



## PATENT ABSTRACTS OF JAPAN

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(54) COATED TRANSPARENT CONDUCTIVE PANEL

(57) Abstract:

PURPOSE: To realize the excellent durability, picture recognizing performance and soil preventing performance by forming a layer having the transparent conductivity on the entire or partial surface of a transparent base material and laminating the specific film on the surface of said conductive layer

CONSTITUTION: A layer having the transparent conductivity is formed on the entire or partial surface of a transparent base material and the films A and B are laminated successively on the surface of said conductive layer. The film A is equal to a reflection preventing

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film of a single layer or multiple layers that consists of the inorganic oxide dielectric. This formed film has the reflection preventing effect and said oxide dielectric uses  ${\rm SiO}$ ,  ${\rm SiO}_2$ , etc. While the film B consists of a curing material containing an organic matter having the thickness of 500Å or less. This curing materials enter the gaps among the particles of a granular accumulated matter of the film A. The transparent conductive layer applied on the transparent base material uses effectively an indium oxide/tin oxide group thin film. As a result, the excellent durability is secured together with the excellent wear resistance and scratch resistance.

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